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## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q69368

Hotta MASATOSHI, et al.

Appln. No.: National Stage Entry of PCT/JP03/03591

Confirmation No.: not yet assigned

Group Art Unit: not yet assigned

Filed: September 24, 2004

Examiner: not yet assigned

For: REACTION APPARATUS AND REACTION METHOD

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents, other than any U.S. patents and patent publications, is submitted herewith.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

INFORMATION DISCLOSURE STATEMENT  
National Stage Entry of PCT/JP03/03591

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant submits the following explanations:

**An English language abstract, submitted herewith, constitute a concise statement of relevance for WO No. 01/91894.**

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

 33,102

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WASHINGTON OFFICE

**23373**

CUSTOMER NUMBER

Date: September 24, 2004

Substitute for Form 1449 A & B/PTO  <b><u>INFORMATION DISCLOSURE</u></b> <b><u>STATEMENT BY APPLICANT</u></b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	National Stage Entry of PCT/JP03/03591
				Confirmation Number	Not yet assigned
				Filing Date	September 24, 2004
				First Named Inventor	Hotta MASATOSHI
				Art Unit	Not yet assigned
Examiner Name	Not yet assigned				
Attorney Docket Number	Q69368				
Sheet	1	of	1		

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US 5,658,538	A	8/19/1997	BEHLING UWE ET AL.
		US 3,212,862	A	10/19/1965	AXEL CHRISTENSEN
		US 3,424,553	A	1/28/1969	SIPKES HENDRIK ET AL.
		US 6,221,117	B1	4/24/2001	PLEDGER WILLIAM A ET AL.
		US 6,146,606	A	11/14/2000	ATOBE HITOSHI ET AL.
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		GB	1,065,044	A	4/12/1967	CHEMICAL CONSTRUCTION	
		BE	499,694	A	3/16/1951	BASF AG	
		GB	797,574	A	7/2/1958	OXY CATALYST INC	
		DE	820,894	C	11/15/1951	MANUFACTURES DE PROD CHIM DU N	
		WO	01 91894	A	12/6/2001	LOU REN; LOU SHOULIN (CN)	
		DE	14 26 731	A	4/2/1970	UHDE GMBH FRIEDRICH	

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to indicate here if English language Translation is attached.